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New tectonic map of the Arctic Drachev, S.S.¹, Moore, T.E.², Pease, V.³

³Dept of Geological Sciences, Stockholm University, Sweden

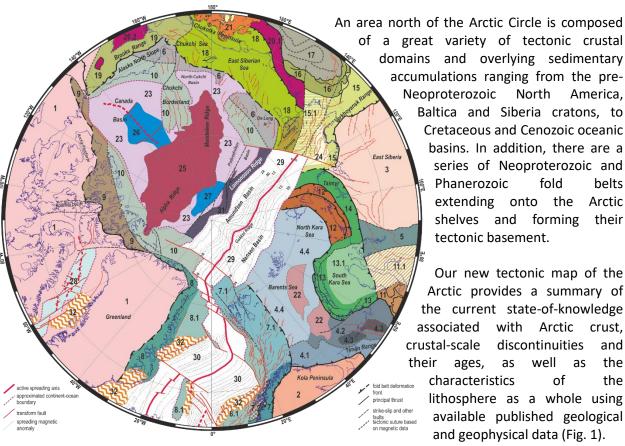


Figure 1: Tectonic map of the Arctic.

1-3, cratons: 1, North American, 2, East Siberian, 3, Baltica; 4-20, fold belts (FB): 4, Neoproterozoic Timanian FB (4.1, Timan Domain, 4.2, Bol'shezemel'sk domain, 4.3, inferred massifs; 4.4, inferred offshore), 5, Neoproterozoic Yenisei FB inferred under W. Siberian Basin, 6, Neoproterozoic Bennett-Borrovia-Arctic Alaska Block, 7, Scandinavian Caledonides (7.1, inferred offshore; 7.2, Baltican parauthochton), 8, East Greenland Caledonides (8.1, inferred offshore), 9, Ellesmerian FB; 10, undefined Caledonian-Ellesmerian FBs inferred offshore, 11, Late Pz Uralian FB (11.1, inferred under W. Siberian Basin), 12, Early Carboniferous North Taimyr FB, 13, Early Mz Pai-Khoi - Novaya Zemlya FB (13.1, inferred under South Kara Basin), 14, Early Mz South Taimyr FB, 15, Late Mz North Verkhoyansk FB (15.1, inferred offshore), 16, Late Mz Cherskii FB, 17, Kolyma-Omolon Superterrane, 18, Late Mz New Siberian-Chukotka FB, 19, Late Mz Brooks Range FB, 20, accreted oceanic and island-arc terranes (20.1, South Anyui Suture Zone & Oloi-Svyatoi-Nos magmatic arc, 20.2, Angayucham and Koyukuk terranes); 21, Late Cretaceous Okhotsk-Chukotka Volcanic Belt; 22-24, hyperextended crust and/or exhumed mantle: 22, East Barents

¹ArcGeoLink Ltd., 48 Tupwood Gardens, Caterham, UK (sdrachev@gmail.com)

²U.S. Geological Survey, 345 Middlefield Road, Menlo Park, CA, USA

basins, 23, Amerasia Basin margins, 24, Ust' Lena Rift; 25, Alpha-Mendeleev LIP; 26-30, spreading basins: 26, Canada, 27, Makarov, 28, Baffin Bay, 29, Eurasian, 30, Norwegian-Greenland; 31, Lomonosov Ridge Microcontinent; 32, volcanic continental margins.